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OW nucleic - nucleic search, using sw model

Run on: June 9, 2003, 05:31:34 ; Search time 66 Seconds
(without alignments)
5269.264 Million cell updates/sec

Title: US-10-091-628-1
Perfect score: 1134
Sequence: 1 atgagagcattcgtccag.....acatcattcattgcatrag 1134

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

ched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA:
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2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
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5: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	320.4	28.3	2263	1 US-08-176-126B-1	Sequence 1, Appl1
2	320.4	28.3	2263	2 US-08-669-435-1	Sequence 1, Appl1
3	320.4	28.3	2263	5 PCT-US94-14431A-1	Sequence 1, Appl1
4	297.8	26.3	1047	1 US-08-176-126B-3	Sequence 3, Appl1
5	297.8	26.3	1047	2 US-08-669-435-3	Sequence 3, Appl1
6	297.8	26.3	1047	5 PCT-US94-14431A-3	Sequence 3, Appl1
7	51.2	4.5	7218	1 US-08-232-463-14	Sequence 14, Appl1
8	39	3.4	592	4 US-09-442-143A-5	Sequence 5, Appl1
9	39	3.4	5403	4 US-09-442-143A-3	Sequence 3, Appl1
10	34.6	3.1	289	4 US-09-007-005-17	Sequence 17, Appl1
11	34.6	3.1	289	4 US-09-244-796-17	Sequence 17, Appl1
12	32.2	2.8	7218	1 US-08-232-463-14	Sequence 14, Appl1
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15	31.4	2.8	1701	2 US-08-484-596A-40	Sequence 40, Appl1
16	31.4	2.8	1701	2 US-08-480-150A-40	Sequence 40, Appl1
17	31.4	2.8	1701	3 US-08-458-731-40	Sequence 40, Appl1
18	31.4	2.8	1701	3 US-08-149-223A-40	Sequence 40, Appl1
19	31.2	2.8	2214	3 US-08-864-038A-1	Sequence 1, Appl1
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26	31	2.7	2739	4 US-09-134-001C-156	Sequence 156, App
27	30.8	2.7	3582	4 US-08-538-526-2	Sequence 2, Appl1

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c 35	30.6	2.7	4434	3 US-08-656-055-5	Sequence 5, Appl1
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c 37	30.6	2.7	4434	4 US-08-918-668-5	Sequence 5, Appl1
c 38	30.6	2.7	4434	5 PCT-US95-13233-5	Sequence 5, Appl1
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c 40	30.4	2.7	2949	4 US-09-412-554A-3	Sequence 3, Appl1
c 41	30.4	2.7	3079	4 US-09-643-597-116	Sequence 116, App
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c 43	30.2	2.7	1965	4 US-09-178-252-26	Sequence 26, Appl1
c 44	30	2.6	523	4 US-08-943-731-69	Sequence 69, Appl1
c 45	30	2.6	1023	2 US-08-757-653-175	Sequence 175, App

ALIGNMENTS

RESULT 1
US-08-176-126B-1
Sequence 1, Application US/08176126B
Patent No. 5589358

GENERAL INFORMATION:
APPLICANT: Dawson, Paul A.
TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS AND
TITLE OF INVENTION: METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/176,126B
FILING DATE: 29-DEC-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: WAKE:002/PAR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: na
INFORMATION FOR SEQ ID NO. 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 109..1152
US-08-176-126B-1

Query Match 28.3% Score 320.4; DB 1; Length 2263;
Best Local Similarity 60.8%; Pred. No. 5.4e-91;
Matches 522; Conservative 0; Mismatches 336; Indels 0; Gaps 0;
80 ATGAAACCTGAGCTGTTTCAAGAGTGTCTCATGTATGAGGCTGCTCATGT 139

DB 188 AGCCATCTCTGAGCTGATGAGACCGTCTCAAACTCTGAGCTTGATGT 247
QY 140 TCTCTTTGGGATGTTCCGTGAGATCCGGAAGCTGTGTGTCACATCAGAGACCTGTGG 199
DB 248 TTTCCATGGGGTGCATGTGGAATCTCACAAGTTTCTGGAGACCTTAAGCCGATGG 307
QY 200 GCATGCTGTGGAGCTGTCTGCAAGTTTGGGCTCAATGCTTTTACAGCTTATCTCTGG 259
DB 308 GCATGCTGTGGAGCTGTCTGCAAGTTTGGGCTCAATGCTTTTACAGCTTATCTCTGG 259
QY 260 CCATGAGCTTTCTCTGAGAGCTGATGAGACCTGATGCTGATGCTGATGCTGATGCTG 319
DB 368 CCGTGGCTTTTGGAGCTCTCCAGTCAAGCTGTGTGTGCTGATGCTGAGCTGAGCTG 427
QY 320 CCGGGGGGACCACTCTTAACATTTTACCTTCTGAGTTGATGAGATGATGATGATGATG 379
DB 428 CTGGAGGAATGCTCTCAATCTTCTGATGCTTATGAGTGAATGAGGACATGAGCTGAG 487
QY 380 TCAATGATGACAACTGTCTTCAAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCT 439
DB 488 TTAGCATGACAACTGTCTTCAAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCT 547
QY 440 TCTACACCTGTGCTGAGCTGATGAGACCTGATGAGCTGATGAGCTGATGAGCTGAT 499
DB 548 TCTATACCAAGATGTGGTGTGATGATGATGATGATGATGATGATGATGATGATGAT 607
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QY 560 CAAACATGACAAATCTTCAAGATTTGGGCTGATGAGCTGATGAGCTGATGAGCTGAT 619
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DB 968 TCACTTCT 1027
QY 920 CATATCAGACGTACAGA 937
DB 1028 CTTATGCTGATACAGA 1045

RESULT 2

US-08-669-435-1

Sequence 1, Application US/08669435

Patent No. 5869265

GENERAL INFORMATION:

APPLICANT: Dawson, Paul A.

TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESSES:

ADDRESSEE: Arnold, White & Durkee

STREET: P.O. Box 4433

CITY: Houston

STATE: Texas
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/669,435
FILING DATE: 26-JUN-1996
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/176,126
FILING DATE: 29-DEC-1993
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: WAKE:002/PAR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: na
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2263 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 109..1152
US-08-669-435-1

Query Match
Best Local Similarity 60.8%
Matches 522; Conserved 0; Mismatches 336; Indels 0; Gaps 0;

Score 320.4; DB 2; Length 2263;
Pred. No. 5.4e-91;

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QY 140 TCTCTTTGGGATGTTCCGTGAGATCCGGAAGCTGTGTGTCACATCAGAGACCTGTGG 199
DB 248 TTTCCATGGGGTGCATGTGGAATCTCACAAGTTTCTGGAGACCTTAAGCCGATGG 307
QY 200 GCATGCTGTGGAGCTGTCTGCAAGTTTGGGCTCAATGCTTTTACAGCTTATCTCTGG 259
DB 308 GCATGCTGTGGAGCTGTCTGCAAGTTTGGGCTCAATGCTTTTACAGCTTATCTCTGG 259
QY 260 CCATGAGCTTTCTCTGAGAGCTGATGAGACCTGATGCTGATGCTGATGCTGATGCTG 319
DB 368 CCGTGGCTTTTGGAGCTCTCCAGTCAAGCTGTGTGTGCTGATGCTGAGCTGAGCTG 427
QY 320 CCGGGGGGACCACTCTTAACATTTTACCTTCTGAGTTGATGAGATGATGATGATGATG 379
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QY 440 TCTACACCTGTGCTGAGCTGATGAGACCTGATGAGCTGATGAGCTGATGAGCTGAT 499
DB 548 TCTATACCAAGATGTGGTGTGATGATGATGATGATGATGATGATGATGATGATGAT 607
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DB 608 CTCTCTGTGTGCTGATGAGCTGATGAGCTGATGAGCTGATGAGCTGATGAGCTGAT 667
QY 560 CAAACATGACAAATCTTCAAGATTTGGGCTGATGAGCTGATGAGCTGATGAGCTGAT 619

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RESULT 3
PCT-US94-14431A-1
; Sequence 1, Application PC/TUS9414431A
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P. O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
; SOFTWARE: Patent Release #1.0, Version
; SOFTWARE: #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/14431A
; FILING DATE: 29-DEC-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: USN 08/176,126
; FILING DATE: 29-DEC-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: PARKER, DAVID L.
; REGISTRATION NUMBER: 32,165
; REFERENCE/DOCKET NUMBER: WAKE005P--
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (713) 789-2679
; TELE: 79-0924(1) GENERAL INFORMATION:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2263 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS

LOCATION: 109..1152
PCT-US94-14431A-1

Query Match 28.3%; Score 320.4; DB 5; Length 2263;
Best Local Similarity 60.8%; Pred. No. 5.4e-91;
Matches 522; Conservative 0; Mismatches 336; Indels 0; Gaps 0;
Qy 80 ATGGAACCTGAGACGTGTTTTCACAGTGTGCTCACTGATGATGAGGAGGCTGCTCATGT 139
Db 188 ACGCATCTCAGGCTGTGTATGAGACCGTGTCTCAATCTCTAGCCTTGATGT 247
Qy 140 TCTTTGGAGATGTTCCGTGAGATCCGAAAGCTGTGTGACATGAGACCTTGG 199
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Qy 200 GCATTCGTGTGAGCTGTCTGCAAGTTTGGGCTCATGCTTTTACAGCTTATCTCTGG 259
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Qy 260 CCATTAGCTTTCTCTGAGGCACTCCAGGCTATGCTGTCTCATATGAGGCTGTGCC 319
Db 368 CCGTGGCTTTGGGATCTCTCCAGTGAAGCTGTGTGTGTCTATCCAGGTTGTGCC 427
Qy 320 CGGGGGGACCATCTTAACATTTTCACTTCTGAGTTGATGAGATATGATCTCAGCA 379
Db 428 CTGAGGAACTGCTCCAAATATCTAGCTATGAGTATGAGGAGCATGACCTCAGCG 487
Qy 380 TCAGTATGACAACTGTCTTCCACCGTGGCCGCTGGGAAATGATGCCACTGTGATATC 439
Db 488 TTACATGACCACTGTCTCCACGCTGTGCTTGGAAATGATGCCCTTGTGCTTCA 547
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Db 608 CTTGCTGTGTGCTGTGTATCTGTGCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 667
Qy 560 CAAACCAATCCAAATATCTTCAAGATGAGGCGCTGTGTGTGTGTGTGTGTGTGTGT 619
Db 668 CCAAAAAGCAAGATCATATCTTAAATTTGATCATCGAGGTGCAATTTCTCATTTGTT 727
Qy 620 TGGTGCAGTGTGCTGTGTGTGCTGCGAAGATCTTGAATTCAGACATCACTTC 679
Db 728 TCATGCTGTGTGAGAAATACGTACCAAGTGTCTGACCAATTAACCAAGCTGT 787
Qy 680 TGACCATGATTTCACTCTTCTTGAATGAGCATGTCAAGGATTTCTGCTGACATT 739
Db 788 GGATTTATGGAACATATATCTATAGCTGTGCTAGCGGCTGGGTTTCTGCTAGAA 847
Qy 740 TTACCCACAGTCTTGGCAAGGTGACAGACAAATTCCTTAGAACTGAGCTCAGATA 799
Db 848 TTGCTGTGCAACCTGATGACAGGTGCGAAGCTTGGAAACGGGTTGAGAAC 907
Qy 800 TTCAGATGATCAATCCATGCTCCAGTTATCTTTACTGCTGAGCATTTGATCCAGAT 859
Db 908 CTCAGCTGTGTCCACATTTGTGAGGCTTTCTTCAAGCCCTGAGGACTCAACTTGTGT 967
Qy 860 TGAGTTTCCCATGCGCTATGAGACTCTTCAAGCTGATGATGATTTCTTATGTTGAG 919
Db 968 TCACCTTCCCTCATATGACAGCATCTTCCAGATGCTTGGACCAATACTATTAGAG 1027
Qy 920 CATATCAGACGTACACAGA 937
Db 1028 CTTATGTGCAATACAGA 1045

RESULT 4
US-08-176-126B-3
; Sequence 3, Application US/08176126B
; Patent No. 5589358
; GENERAL INFORMATION:

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APPLICANT: Dawson, Paul A.
TITLE OF INVENTION: ILEAL BILE ACID TRANSPORTER COMPOSITIONS AND
METHODS
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: US
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/176,126B
FILING DATE: 29-DEC-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Parker, David L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: WAXE:002/PAR
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
TELEX: na
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1047 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1044
US-08-176-126B-3

Query Match      26.3%; Score 297.8; DB 1; Length 1047;
Best Local Similarity 58.5%; Pred. No. 4,7e-84;
Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0

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      80 ATAAACATCCTAAGTGTGCTCAAGTACGATGCGTGCACATCGTGGCGCTTGATGT 139

      140 TCTCTTTGGGAGTTCCTCCGTGAGATATCCGGAAGCTGTGTGTGCACATCAGAGAACCTGGG 199
      140 TCTCCATGGGAGTGAACGTCGGAATTCAMAGAAATTTCTAGGGGCAATMAAGCGCCGTGGG 199

      200 GCATTGCTGTGGAGACTGCTCTGCGACGATTGGGGCTCATGCTTTTACAGCTTATCTGCTGG 259
      200 GCATTGTGTGTGGCTTCTCTGTCTCACTTTGGATATAGCCCTCAGAGATTCATCTGT 259

      260 CCATTAGCTTTTCTCTGAAGCCAGTCCAGCTATATGCTGTTCTCATCATGGGCTGTGCG 319
      260 CGGTGGCTTTTGAACATCTCCCGCTCAGAGCGGTAGTGTGCTCATTTAAGATGTGCG 319

      320 CGGGGGGCGACCATCTCTTAAACATTTTCACTTTGGGTTATGAGATATGATCTTCAGA 379
      320 CTGGGAGGAATCGCTTCATATCTTTGGGCTAATTGGGTGATGGCGCATGAGACTGAGCG 379

      380 TCAGATATGACAACTGTTCCACGCGGCGCCCTGGAGATGATGCCACTGTGATTTATC 439
      380 TCAGCATGACCAACATGCTTCAACACTGCTTGCCCTGGAAATGATGCCGCTGTGCTCTTA 439

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QY 920 CATATCAGACGTACAAAGAGAGATTTGAAGAACAAAATGSAAAA 96.4

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1      RESULT 5
2      US-08-669-435-3
3      Sequence 3, Application US/08669435
4      Patent No. 5869265
5      GENERAL INFORMATION:
6      APPLICANT: Dawson, Paul A.
7      TITLE OF INVENTION: IDEAL BILE ACID TRANSPORTER COMPOSITIONS AND
8      TITLE OF INVENTION: METHODS
9      NUMBER OF SEQUENCES: 5
10     CORRESPONDENCE ADDRESS:
11     ADDRESSEE: Arnold, White & Durkee
12     STREET: P.O. Box 4433
13     CITY: Houston
14     STATE: Texas
15     COUNTRY: US
16     ZIP: 77210
17     COMPUTER READABLE FORM:
18     MEDIUM TYPE: Floppy disk
19     COMPUTER: IBM PC compatible
20     OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
21     SOFTWARE: Patentin Release #1.0, Version #1.25
22     CURRENT APPLICATION DATA:
23     APPLICATION NUMBER: US/08/669,435
24     FILING DATE: 26-JUN-1996
25     CLASSIFICATION:
26     PRIOR APPLICATION DATA:
27     APPLICATION NUMBER: US 08/176,126
28     FILING DATE: 29-DEC-1993
29     CLASSIFICATION:
30     ATTORNEY/AGENT INFORMATION:
31     NAME: Parker, David L.
32     REGISTRATION NUMBER: 32,165
33     REFERENCE/DOCKET NUMBER: MAKE.002/PAR
34     TELECOMMUNICATION INFORMATION:
35     TELEPHONE: (512) 418-3000
36     TELEFAX: (512) 474-7577
37     TELEX: na
38     INFORMATION FOR SEQ ID NO: 3:
39     SEQUENCE CHARACTERISTICS:
40     LENGTH: 1047 base pairs
41     type: nucleic acid
42

```

STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1044
US-08-669-435-3

Query Match 26.3%; Score 297.8; DB 2; Length 1047;
Best Local Similarity 58.5%; Pred. No. 4.7e-84;
Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0;

QY 80 ATGAAACCTGGAGCTGCTTTTCAAGAGTGTCCACATGTATGATGAGGCGCTGCATGT 139
DB 80 ATAACTCTTAAGTGTGTCTTAAGTGTCTTACATCTGTGTGCGCTTGTGATGT 139
QY 140 TCTCTTTGGAGTGTTCCTGAGATCCGAGACTGTGTGCGACATCAGAGACCTTGGG 199
DB 140 TCTCCATGGAGATGCAACCTGGAAATCAAGAAATTTCTAGGGGCACTAAAGCGCGGTGG 199
QY 200 GCATTGCTGGGAGCTGCTGCGCAGTGTGGCTCATGCTTTTACAGTTATCTCCGCG 259
DB 200 GCATTGTGTGGCTTCTCTGTCTGATGATGATGATGATGATGATGATGATGATGATGAT 259
QY 260 CCATTAGCTTTTCTCTGAAGCAGTCAAGCTATTGCTGTTCTCATCATGAGGCTGCTCC 319
DB 260 CGGTGGCTTTTGAATCTCTCCGCTCCAGCGCTGATGTGTCTCATTTATAGATGCTGCC 319
QY 320 CGGGGGGCAACATCTCTAATTTTACCTTCTGGGTTGATGAGATATGATCTCAGCA 379
DB 320 CTGGAGAACTGCTCCCAATATCTTGGCTTATGGGTGATGAGCAATGACATGACG 379
QY 380 TCAGATAGCAACCTGTTCCACCGGCGCGCTGGGAATGATGCACTGCGATTATTC 439
DB 380 TCAGATAGCAACATGCTCTCAACATGCTGCTGCGGATGATGATGATGATGATGATGAT 439
QY 440 TCTACACCTGCTCTGAGTCTTCAAGCAATCTCAACATCTTATGAGCAATAGAA 499
DB 440 TCTATACCAAAATGAGGTGCACTGTGGAGAGATGTATTTCCATATATATAGATG 499
QY 500 TTACCTTGTGTGCTGACATCTCTGCGCTTGTGTGTATGATGATGATGATGATGATG 559
DB 500 CATCTGCTGTGCTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 559
QY 560 CAAACATCCAAATCAATCTCAAGATTTGGGCGCTGTTGTGTGTGTGTGTGTGTGTGT 619
DB 560 CCAAAAGCAAAATCAATCTTAAATTTGGGTGATGCGGCGCGCATCTCATTTGTGC 619
QY 620 TGCTGAGTGTGCTGTGTGCTGTGCGGAAAGATTTTGAATTCAGACATCACTTTC 679
DB 620 TCATGCTGT 679
QY 680 TGACCATGATTTTCTTCTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 739
DB 680 GGAATATAGAAATATTTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 739
QY 740 TTACCCACAGTCTTGGCAAGGTGAGACAAATTTCTTAAATCTGAGCTGAGATA 799
DB 740 TTGCTGTGTCTACCTGT 799
QY 800 TTCAGATGTGATCAACATGCTCCAGTATCTTTTCACTGCTGAGCACTTGTGCGAGAT 859
DB 800 CGGAGCTATGTTTCCACATGCTTCACTGCTTCTTCACTGCTGAGAGCTCAATGTCTGT 859
QY 860 TGAGTTTCCATGCTGT 919
DB 860 TCACCTTCCGCTCATCTACAGCATTTTCCAGCTGCGCTTTCGCCAATATTTCTAGAT 919
QY 920 CATATCAGACCTTCAAGAGAGATGAGAAACAACATGAGAAA 964
DB 920 TTTATGTGCATACAAAGAAATGTCAATGAAAAACAAGCAGAAA 964

RESULT 6
PCT-US94-14431A-3
Sequence 3, Application PC/TUS9414431A
GENERAL INFORMATION:
APPLICANT:
TITLE OF INVENTION: IDEAL BLUE ACID TRANSPORTER COMPOSITIONS
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Arnold, White & Durkee
STREET: P. O. Box 4433
CITY: Houston
STATE: Texas
COUNTRY: United States of America
ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII
SOFTWARE: Patent in Release #1.0, Version
SOFTWARE: #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/14431A
FILING DATE: 29-DEC-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: USSN 08/176,126
FILING DATE: 29-DEC-1993
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: PARKER, DAVID L.
REGISTRATION NUMBER: 32,165
REFERENCE/DOCKET NUMBER: WAK005P--
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (713) 789-2679
TELEX: 79-0924(1) GENERAL INFORMATION:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1047 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1044
PCT-US94-14431A-3
Query Match 26.3%; Score 297.8; DB 5; Length 1047;
Best Local Similarity 58.5%; Pred. No. 4.7e-84;
Matches 518; Conservative 0; Mismatches 367; Indels 0; Gaps 0;

QY 80 ATGAAACCTGGAGCTGCTTTTCAAGAGTGTCCACATGTATGATGAGGCGCTGCATGT 139
DB 80 ATAACTCTTAAGTGTGTCTTAAGTGTCTTACATCTGTGTGCGCTTGTGATGT 139
QY 140 TCTCTTTGGAGTGTTCCTGAGATCCGAGACTGTGTGCGACATCAGAGACCTTGGG 199
DB 140 TCTCCATGGAGATGCAACCTGGAAATCAAGAAATTTCTAGGGGCACTAAAGCGCGGTGG 199
QY 200 GCATTGCTGGGAGCTGCTGCGCAGTGTGGCTCATGCTTTTACAGTTATCTCCGCG 259
DB 200 GCATTGTGTGGCTTCTCTGTCTGATGATGATGATGATGATGATGATGATGATGATGAT 259
QY 260 CCATTAGCTTTTCTCTGAAGCAGTCAAGCTATTGCTGTTCTCATCATGAGGCTGCTCC 319
DB 260 CGGTGGCTTTTGAATCTCTCCGCTCCAGCGCTGATGTGTCTCATTTATAGATGCTGCC 319
QY 320 CGGGGGGCAACATCTCTAATTTTACCTTCTGGGTTGATGAGATATGATCTCAGCA 379
DB 320 CTGGAGAACTGCTCCCAATATCTTGGCTTATGGGTGATGAGCAATGACATGACG 379
QY 380 TCAGATAGCAACCTGTTCCACCGGCGCGCTGGGAATGATGCCACTGCAATTAATC 439

Db	380	TCAGCAGACCA	CATGCTCC	ACAGCTCT	GGCTCGGTAATGATGCGCGTGTGCTCTTA	43.9
Oy	440	TCACACCTG	TGCTGAGCTT	CAGCAGAACTC	CACTTCTTTATCAGAACTAGAA	49.9
Db	440	TCATATACCAA	ATGTGGTTCG	ACTGGAGGCA	TGTATTTCCCTATATATACCTAGTA	49.9
Oy	500	TTACCTGTGTG	CTGACCATTC	CTGTGAGCC	TTGGTGTCTATATGAAATTACAGATGGC	55.9
Db	500	CATCTGTGTG	CTCTCGTTCT	GTGTCTCTTT	CCATTGGAATGTTTGTATATACAAATGGC	55.5
Oy	560	CAAAACAATC	CAAAATCATTT	CTCAGAGTTG	GGGCGGTGTGTGTGGGAGGTCTCTCTGG	61.9
Db	560	CCCAAAAGCA	AGATCATACTT	AAATTTGGGTCAT	CGCGGGCCCATCTCTCATTTGTC	61.9
Oy	620	TGTGTGAGTT	GTGTGTGTGT	GTCTCGGCAAGAA	AGAACTTGGAAATTCACACATCACCTTC	67.9
Db	620	TCATAGTGTG	GTGTGAGAA	TTATTATACAA	AGGCGCTGTGATCATTTCTCCCAACCTGT	67.9
Oy	680	TGACCATCAG	TTTCATCTTT	CTTTGATTTG	GCACATGTCACGGGTTTTCTGCTGGCACTTT	73.9
Db	680	GGATTTATGA	ACAATATTTT	CCGTGTGGCGG	TTACCTCCTGTGGGTTTCTTGTGGCTAGAA	73.9
Oy	740	TTACCCACCA	CGCTTTGG	GCAGAGGTG	CAGAGCAATTTCTTTAGAACTGGAGCTCAGAAATA	79.9
Db	740	TTGTGTGTCT	ACCTGGTAC	AGGTGCGGA	CGGTGTCTTTTGGAAACGGGAGATGCGAGAA	79.9
Oy	800	TTTCAGATGT	GCATTCACATG	CTCCATTTACTTT	CACGTGAGACACTTTGATCCAGATGT	85.9
Db	800	CGACGATAT	TTTCCACATGT	CTTACACTCT	CTTCACTCTGAGAGCTCAATGTGTA	85.5
Oy	860	TGAGTTTCCCA	CTGGGCTAT	TGACTCTTCC	AGCTGATAGATGGAATTTCTTATTTGTTGACG	91.9
Db	860	TCACCTTCGG	CTCATCTAC	AGCAATTTTCC	AGCTGCGCTTTGCCCATATTTCTTAGAT	91.9
Oy	920	CATATCAGAC	CTACAGAGAG	ATTTGAAGA	CAAAACATGTGAGAAA	96.4
Db	920	TTTATGTGCA	TACAGAAATG	TCATGAGAAA	AAAAACAAGCAGAAAA	96.4

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```

:      REGISTRATION NUMBER: 29,768
:      REFERENCE/POCKET NUMBER: 306772/114 IMMUT
:      TELECOMMUNICATION INFORMATION:
:      TELEPHONE: (703)836-9300
:      TELEFAX: (703)683-4109
:      TELEEX: 899149
:      INFORMATION FOR SEQ ID NO: 14:
:      SEQUENCE CHARACTERISTICS:
:      LENGTH: 7218 base pairs
:      TYPE: nucleic acid
:      TOPOLOGY: single
:      LINKAGE: linear
:      IMMEDIATE SOURCE:
:      CLONE: pTZgpt-F18
:
US-08-232-463-14

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Query Match 4.5%; Score 51.2; DB 1; Length 7218;
Best Local Similarity 9.7%; Pred. No. 1.3e-05;
Matches 44; Conservative 210; Mismatches 198; Indels 0; Gaps 0

Oy		36	TGCCAAGAGTTCAAGGAGGGAGCTGCACAGTGGATGGAGGTGATCGAAAACCTGGAGCT	95
Dp		1009	TCCATTACGCTCACAAGATTATATTCGAGCTTGCTGCTGAGGTCCAGGAGACTGGCATYY	1066
Oy		96	CGTTTTCACTGAGTGTCCACTGTGATGATGAGGGCTGCTCATGTCTCTTTGGAGTGTTC	155
Dp		1069	YYY	1128
Oy		156	CGTGAAGATCCGGAAGCTGTGCTGCACATAGAGAACCTTGGGCAATTGCTGTGGACT	215
Dp		1129	YYY	1186
Oy		216	GCTCTGCAGTTGGGCTCATGCTTTTAACTTAATCTCCGGCATTAGCTTTTCT	275
Dp		1189	YYY	1246
Oy		276	GAAACCAGTCCAGACTATGCTGTCTTCATCATGGAGCTGCCCCGGGGCACCATCTC	335
Dp		1249	YYY	1306
Oy		336	TAAcATTTCACCTTCGGGCTGATGAGATGATGATGATCTGCAGCATCAGTATGACAACCTG	395
Dp		1309	YYY	1366
Oy		396	TTCCACCGTGGCCGCTGGAGATGATGCCACTGTGATTATCTTACACCTGTGCTG	455
Dp		1369	YYY	1426
Oy		456	GAGCTTCAGAGAACTCACAACATTCCTTAC	487
Dp		1429	YYYYYGGTACCAAATCTCTTACTCTTTTAAc	1460

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1 RESULT 8
2 US-09-442-143A-5/C
3 Sequence 5, Application US/09442143A
4 Patent No. 6403089
5 GENERAL INFORMATION:
6 APPLICANT: Levy, Gary
7 APPLICANT: Clair, David A.
8 TITLE OF INVENTION: Methods of Modulating Immune Coagulation
9 FILE REFERENCE: 9579-14
10 CURRENT APPLICATION NUMBER: US/09/442,143A
11 CURRENT FILING DATE: 1999-11-15
12 PRIOR APPLICATION NUMBER: US 60/046,537
13 PRIOR FILING DATE: 1997-05-17
14 PRIOR APPLICATION NUMBER: US 60/061,684
15 PRIOR FILING DATE: 1997-10-10
16 NUMBER OF SEQ ID NOS: 53
17 SOFTWARE: PatentIn version 3.1
18 SEQ ID NO 5
19 LENGTH: 592
20 TYPE: DNA

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[illegible]

JUL 12
 08-232-463-14/c
 Sequence 14, Application US/08232463
 Patent No. 5670367
 GENERAL INFORMATION:
 APPLICANT: DORNER, F.
 APPLICANT: SCHERFLINGER, F.
 APPLICANT: FALKNER, F. G.
 TITLE OF INVENTION: RECOMBINANT FOXP2 VIRUS
 NUMBER OF SEQUENCES: 52
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 1800 Donald Road, Suite 500
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22313-0299
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/232,463
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/935,313
 FILING DATE:
 APPLICATION NUMBER: EP 91 114 300.6
 FILING DATE: 26-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: BENT, Stephen A.
 REGISTRATION NUMBER: 29,768
 REFERENCE/DOCKET NUMBER: 30472/114 IMM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)836-9300
 TELEFAX: (703)683-4109
 TELEX: 899149
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 7218 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 CLONE: pTZspt-F18
 US-08-232-463-14

[illegible]

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13 RESULT
US-08-484-993B-40/c
: Sequence 40. Application US/08484993B
Patent No. 5837497
: GENERAL INFORMATION:
: APPLICANT: Harris Ph.D., Jeffrey D.
: APPLICANT: Hsu, Kuang T.
: APPLICANT: Podolski, Joseph S.
: TITLE OF INVENTION: Materials and Methods for Immunococtraception
: NUMBER OF SEQUENCES: 59
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
: STREET: 6300 Sears Tower, 233 South Wacker Drive
: CITY: Chicago
: STATE: Illinois
: COUNTRY: United States of America
: ZIP: 60606-6402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/484,993B
: FILING DATE: 09-NOV-1993
: CLASSIFICATION: 424
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/012,990
: FILING DATE: 29-JAN-1993
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 07/973,341
: FILING DATE: 09-NOV-1992
: ATTORNEY/AGENT INFORMATION:
: NAME: Clough, David W.
: REGISTRATION NUMBER: 36,107
: REFERENCE/DOCKET NUMBER: 31745
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 312/474-6653
: TELEFAX: 312/474-0448
: TELEX: 25-3856
: INFORMATION FOR SEQ ID NO: 40:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1701 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: cDNA
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 1..1698
: US-08-484-993B-40

Query Match 2.8%; Score 31.4; DB 2; Length 1701;
Best Local Similarity 48.6%; Pred. No. 9.5;
Matches 86; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

950 ACAAACTGGAAGAAAAGAACTCAGGTTGCACAGAAAGTCTGCATACGAGGAATCGACTT 1009
DB 1646 ACTAACAGAGCTCCAGAGATTAAAGTCCAGAAAGGCTGTGCACCCACAGAACTTTGCAG 1587

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Qy 1010 CTTCCAGAGAGACCAATGCTTCTTGAGGTGAATGAAGAAGTGCATCACTCTG3GC 1069
Db 1586 TCTACAGAGAACCGAGCTTTCTGAGGGCTCTTAGTGAGTGAATGATCATG6GG 1527
Qy 1070 CACGAGGCGCAATGATGATGCGACAGGGCTCTGAGCCAGTTGGCCATCACTTAT 1126
Db 1526 CTTTGCTAGAAACACTAGCAGTATGTTCTGAGAACTGTTGTCAAAATTTCTTCTT 1470

RESULT 14

US-08-484-158B-40/c
Sequence 40, Application US/08484158B
Patent No. 5976545
GENERAL INFORMATION:
APPLICANT: Harris Ph.D., Jeffrey D.
APPLICANT: Hsu, Kuang T.
APPLICANT: Podolski, Joseph S.
TITLE OF INVENTION: Pharmaceutical Compositions for
NUMBER OF SEQUENCES: 61
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray &
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,158B
FILING DATE: 07-JUNE-95
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/149,223
FILING DATE: 09-NOV-93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/012,990
FILING DATE: 29-JAN-93
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,341
FILING DATE: 09-NOV-92
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 32794
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-0448
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 1701 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1698
US-08-484-158B-40

Query Match 2.8%; Score 31.4; DB 2; Length 1701;
Best Local Similarity 48.6%; Pred. No. 9.5;
Matches 86; Conservative 0; Mismatches 91; Indels 0; Gaps 0;
Qy 950 ACAAACATGAGAAAAGAACTCAGGTGACAGAAAGTGTGCATACGAGAAATGCACTT 1009
Db 1646 ACTAACAGAGCTCCAGAGATTAAGTCCAGAAAGGCTGCCACCAAGAACTTTCGAG 1587

Qy 1010 CTTCCAGAGAGACCAATGCTTCTTGAGGTGAATGAAGAAGTGCATCACTCTG3GC 1069
Db 1586 TCTACAGAGAACCGAGCTTTCTGAGGGCTCTTAGTGAGTGAATGATCATG6GG 1527
Qy 1070 CACGAGGCGCAATGATGATGCGACAGGGCTCTGAGCCAGTTGGCCATCACTTAT 1126
Db 1526 CTTTGCTAGAAACACTAGCAGTATGTTCTGAGAACTGTTGTCAAAATTTCTTCTT 1470

RESULT 15

US-08-484-596A-40/c
Sequence 40, Application US/08484596A
Patent No. 5981228
GENERAL INFORMATION:
APPLICANT: Harris Ph.D., Jeffrey D.
APPLICANT: Hsu, Kuang T.
APPLICANT: Podolski, Joseph S.
TITLE OF INVENTION: Materials and Methods for Immunocounteraction
NUMBER OF SEQUENCES: 59
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/484,596A
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/149,223
FILING DATE: 11-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/973,341
FILING DATE: 09-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 31745
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-0448
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 1701 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1698
US-08-484-596A-40

Query Match 2.8%; Score 31.4; DB 2; Length 1701;
Best Local Similarity 48.6%; Pred. No. 9.5;
Matches 86; Conservative 0; Mismatches 91; Indels 0; Gaps 0;
Qy 950 ACAAACATGAGAAAAGAACTCAGGTGACAGAAAGTGTGCATACGAGAAATGCACTT 1009
Db 1646 ACTAACAGAGCTCCAGAGATTAAGTCCAGAAAGGCTGCCACCAAGAACTTTCGAG 1587
Qy 1010 CTTCCAGAGAGACCAATGCTTCTTGAGGTGAATGAAGAAGTGCATCACTCTG3GC 1069
Db 1586 TCTACAGAGAACCGAGCTTTCTGAGGGCTCTTAGTGAGTGAATGATCATG6GG 1527

Qy 1070 CACCAGGGCCAAATGATTCACAGGCGCTTCGAGCCAGTTGGCCACATCATTCA 1126
Db 1526 CCTTGCTAGAAACACTAGCAGTAGTGTCTCTGAGAACTGTTGCAAAATTTCTTCTT 1470

Search completed: June 9, 2003, 07:07:18
Job time : 72 secs